

ABSTRACT OF THE DISCLOSURE

A V-belt type of automatic transmitting mechanism. The mechanism includes a drive pulley and a V-belt, and the drive pulley includes a fixed sheave which is fixed to a drive shaft and a movable sheave which is movable in a direction of the drive shaft. When the drive shaft rotates at a higher speed, the movable sheave is moved towards the fixed sheave so that the radius of engagement between each of the sheaves and the V-belt increases. The conical pressure surface of the movable sheave is formed so that an inclined angle thereof is uniform from its radially inner peripheral part to its radially outer peripheral part. Meanwhile, the conical pressure surface of the fixed sheave is formed so that an inclined angle of its radially inner peripheral part is smaller than that of its radially outer peripheral part.